Government of Alberta ■

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GAS ROYALTY OPERATIONS INFORMATION BULLETIN December 2011

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PLEASE ENSURE YOUR PRODUCTION ACCOUNTANTS RECEIVE A COPY OF THIS DOCUMENT

PRICING RATES AND TRANSPORTATION INFORMATION

A. For Pricing, Royalty Rates and Transportation Information for October 2011, refer to Attachments 1, 1A, 2, 2A and 3. These attachments are also available in Excel Format.

B. NOTICES

Statutory Requirement and Recalculation of 2007 Royalty

A production year becomes statute barred on December 31st, four years after the end of a production year. Once a year has become statute barred, calculation or recalculation of royalty does not occur on a monthly basis. Section 38 of the Mines and Minerals Act provides for recalculation of royalty that can be initiated in two ways:
1. On the department's initiative in conjunction with an audit or examination; or
2. At the request of a royalty payer.

Department Initiated Amendments
Please refer to Attachment 4 for a list of Deep Marginal Gas Wells, Royalty Adjustment Program, and for Deep Gas Royalty Holiday Program that require the fifth (5^{th}) year to be open for the 2007 production year. The department will contact clients who are impacted. For more information, please contact Joyce Chen at 780-427-1550.

Please refer to Attachment 5 for a list of facilities that require the fifth (5^{th}) year to be open. These facilities and the wells tied to these facilities require the fifth (5^{th}) year to be open for the 2007 production year. The department will contact clients who are impacted. For more information, please contact Mary Spearing at 780-427-8630 or Joyce Chen at 780-427-1550.

2007 Production Year Audits in Progress
Non-operator partners are advised that certain Enhanced Oil Recovery, CO2 Project Credit claims, allowable costs, custom processing fees, capital costs, custom processing adjustment factor (CPAF), and volumetric reporting discrepancy audits are currently in progress.

It is anticipated that these audits will be completed before December 31, 2011. However, should circumstances warrant it, completion of these audits will occur in 2012. The list of Facility Cost Centres affected by the custom processing adjustment factor review at year end can be found in Attachment 6.

Royalty clients are also reminded that amendments received by the department in the fourth year following the production year may be subject to audit. If the amendments are received late in the fourth year and insufficient time is available for the department to commence a review of the amendments prior to the end of the year, the department reserves the right to commence the audit at the beginning of the fifth year.

If you have any questions, please contact Kris Pretty of the Compliance & Assurance Group at 403-297-8785.

Industry Recalculation of 2007 Royalty

Industry initiated royalty recalculation requests for the 2007 production year must be submitted in writing to the attention of Pat Van Meer, Manager, Volumetric & Cost Reporting, Gas Royalty Operations. This request must be received by the department on, or before, December 31, 2011 and it must include the following:

Identification of the recalculation facility or facilities

- A list of the royalty variables proposed for recalculation
- The reason for the recalculation
- The production year of the recalculation
- An order of magnitude estimate (i.e. >$100,000, >$1 Million, >$2 Million, etc.,) of the recalculation requested
- Identification of all royalty clients that may be impacted by the request (this is necessary, especially in situations where volumes may be cascaded to another client who is expected to respond to the cascade)
- The time lines for recalculation: preparation and submission to the Crown including a reasonable time frame for the Crown to review the recalculation
- Confirmation from the operator that the affected partner(s) have been notified
- A sample copy of the submission pertaining to a particular production month in paper or electronic format (e.g., excel)

If the request meets the department's terms and conditions for recalculation, it will be approved. A request made during the fourth year following the production year, must be completed before the end of the fifth year, with a reasonable time for a review by the department, prior to the end of the fifth year.

If you have any questions regarding this process, please contact your Volumetric & Cost Reporting portfolio representative, as identified in Section F of this bulletin.

AB WG 99999 Reporting Review

The department is reviewing the volume/gigajoules of gas and gas products reported under stream ID AB WG 99999 for the production years 2007 and onwards. This review will be completed in 2012.

The objective of the review is to ensure that all gas and gas products reported under stream ID AB WG 99999 are valid and are accurately allocated in relation to the royalty paid gas and gas products received at the facility or facilities which are subsequently triggered for royalty.

Where it is found that AB WG 99999 volumes are not substantiated by the receipt of royalty paid volumes, royalty clients will be notified to explain the methodology used to arrive at the AB WG 99999 volumes and to submit amendments if reporting errors are found.

Information Sessions

Allowable Costs Refresher

Volumetric & Cost Reporting will be conducting two cost information sessions on February 28, 2012, at the ConocoPhillips Theatre, Gulf Canada Square, 401 – 9th Avenue S.W. Calgary Alberta.

The morning session is from 10:00 a.m. to 12:00 p.m. The afternoon session is from 1:30 p.m. to 3:30 p.m. The content of both sessions is the same.

Please email wendy.stenbeck@gov.ab.ca by Wednesday, February 22, 2012, to register for one of these sessions.

Alberta Energy – Gas Royalty Operations Calendar

A 2012 calendar is attached, which provides critical filing dates that clients are required to meet with respect to Gas Royalty processing cut-off periods.

C. MONTHLY INFORMATION

October 2011 Royalty Due January 31

- **Royalty clients are to remit the total amount payable shown on the January 2012 Statement of Account by January 31, 2012.** If the amount payable includes accrued current period interest, the interest has only been accrued to the statement issue date. Clients must also include the additional interest that has accrued from the statement issue date to the date of payment, using the per diem amount provided.

- **The January 2012 Statement of Account shows your amount payable as of the Statement issue date. It includes any outstanding balances from your previous statement, your October 2011 invoice amount and any applicable current period interest charges. It also identifies refunds resulting from overpayments.**

- Current period interest will not be charged on current invoice charges for the production month of October 2011 if it is paid in full by January 31, 2012.

- Current period interest will accrue on any overdue charges commencing the first day after the due-date until it is paid in full.

  Note: If the due date falls on a non-business day, the next business day will apply as the due date.

- Cheques are payable to the Minister of Finance, Province of Alberta.

November 2011 VA4 Due January 15

The VA4 forms for the production month of November 2011 are due in the department offices by January 15, 2012.

Note: If the due date falls on a non-business day, the next business day will apply as the due date for VA4 forms.

Registry Deadline Submissions

The Registry deadline submissions for SAF, OAF, and Volumetrics are posted in the Petroleum Registry of Alberta website "Reporting Calendars" under Calendars. Changes to this calendar will be posted on the Registry website home page in "Broadcast Messages."

Interest Rate December 2011

Alberta Energy's interest rate for December is 4.00%.

September Provisional Assessment Charge

The summary of Provisional Assessment Charges for all production periods in the September 2011 billing period was:

First Time Provisional Assessment	Reversals of Provisional Assessments	Net Provisional Assessment
($1,587,635.22)	($1,333,912.58)	$253,722.64

September Penalty Charges

The penalty table below shows at the form level, the total penalty charges and reversals, for the September 2011 billing period.

Forms	Penalty Charges	Penalty Reversals	Net Penalty Charges for 2011/09
AC2	$124,000	($36,000)	$88,000
AC4	$400	$0	$400
AC5	$0	$0	$0
NGL1	$0	$0	$0
VA2	$0	$0	$0
VA3	$0	$0	$0
VA4	$900	$0	$900
Total	**$125,300**	**($36,000)**	**$89,300**

Gas Royalty Operations Support

Upon request, Gas Royalty Operations staff will be available to meet with clients who need assistance with royalty reporting. Royalty clients requiring assistance are encouraged to contact your respective Gas Royalty Client Services portfolio representative, as identified in Section F of this bulletin, to arrange a meeting.

Well Event Measured Depth Determination Letter

The department has issued a "Well Event Measured Depth Determination Letter" under the Report Package DOE – Gas to facility operators via the PRA on December 2 and 14, 2010. This letter shows the confirmed Measured Depth (MD) of each active well event that will be used to calculate the Depth Factor (DF) of the quantity component rate under the New Royalty Formula. A well event that is not listed on the letter and does not have a confirmed MD will receive a DF of 1. When the changes to the MD are confirmed by the Department, a letter is issued to a facility operator who reports changes through the PRA to well event attributes affecting MD. All changes to the MD are applied on a go forward basis only. Facility operators are advised to submit well event attribute changes by the last day of the calendar month in order for timely determination of MD.

D. INFRASTRUCTURE DATA CHANGES

Client ID Listing

The BA Identifiers Report is a directory of Business Associate (BA) names, codes, status (e.g. struck, active, amalgamated, etc.), status effective dates, and effective August 2004, includes Working Interest Owner (WIO) role start/end dates.

This report is also published daily on the Petroleum Registry website at:

http://www.petroleumregistry.gov.ab.ca

The department reminds Business Associates to review their WIO role to ensure that the start and end dates are reflected correctly. If the BA does not have an active WIO role, the operators cannot allocate volumes to the BA for the relevant production periods through the SAF/OAF allocations.

- If a BA has a WIO role, then that BA can receive SAF/OAF allocations from the WIO role start date forward.
- If a BA has a WIO role with an end date, then they can only receive SAF/OAF allocations from the WIO role start date until the end date. Any SAF/OAF allocations after the end date will be rejected.
- If a BA does not have a WIO role start date, then that BA cannot receive SAF/OAF allocations.

Please contact Client Registry at 780-422-1395, if you have any questions regarding the information supplied on this listing.

Client Status Changes

Clients must ensure that all royalty documents are completed using only valid client names and IDs. It is critical that royalty clients use current legal client names and their appropriate IDs on all documents to ensure accurate royalty calculation and to prevent provisional assessment and penalties. Rejects will occur when invalid IDs are used.

If you require information regarding client names or IDs, please contact Client Registry at 780-422-1395.

Nova Tolls - Multiple Gas Reference Prices

Royalty information related to the implementation of the Factor Model negotiated with industry for determining Multiple Gas Valuation Prices is provided on the Natural Gas website's Royalty Related Information page under Facility Royalty Trigger Factors and Meter Station Ties.

E. REMINDERS

Office Closures – Christmas Period

All Alberta Energy offices will be closed from Monday, December 26 to Wednesday, December 28, 2011, inclusive. Our offices are also closed on Monday, January 2, 2012.

Alberta Natural Gas Royalty Guidelines - 2009 Edition

The Alberta Natural Gas Royalty Guidelines (2009) have been finalized and released to the department's website located at: www.energy.gov.ab.ca

The department updates the Alberta Natural Gas Royalty Guidelines when there is a major change in relevant policy or legislation, and regularly to incorporate information published in Information Letters and Information Bulletins. Some major changes included in this guideline release are the Alberta Royalty Framework and Competitiveness Review changes, specifically dealing with royalty rate components and formulas, royalty reductions and gas cost allowance.

Please note that the 2009 edition is effective for January 2009 production periods forward. The 2006 edition is still applicable for periods prior to January 2009.

If you have any questions, please contact Penny White at 780-422-8083.

Industry-Wide Distribution of Current RMF2 Listing and EAGEV Reports

To date, the following reports have been available for distribution to royalty clients upon request:

- Current RMF2 Listing – issued to royalty clients who are assignors on the RMF2 form and identifies active reassignments of volumes with an effective date range in an open year

- Energy Adjusted Gas Equivalent Volume (EAGEV) – identifies all corporate volumes (including freehold, non-Alberta, and purchased) for a royalty payer and its royalty clients

In consultation with the Business Operations Work Committee (BOWC), it was agreed that both of these reports will now be routinely provided with the monthly invoice package for all industry royalty clients, commencing with the August 2011 billing period invoice run in October 2011. Rather than process individual royalty client requests to be removed from monthly distribution, the department asks that you discard the outputs if you do not require this information.

If you have any questions, please contact your Volumetric & Cost Reporting portfolio representative, as identified in Section F of this bulletin.

Form Submissions

The Department accepts and processes the following forms submitted by industry via courier, fax, mail or email:

AC5-V4, RMF2, RMF2T, RMF3-V2, VA3 and VA4

In order to ensure prompt receipt and processing of forms submitted by email please note that they **must be** sent to one of the following Volumetric and Cost Reporting (V&CR) email addresses: VCR1@gov.ab.ca, VCR2@gov.ab.ca, VCR3@gov.ab.ca as these email addresses are monitored by more than one individual staff member. An email confirmation will be issued

upon your request should you require a receipt from the department that your email and specific forms have been received. Any forms submitted to an individual staff member's email address will not be processed.

If you have any questions or require additional information you may contact Mary Spearing at 780-427-8630.

Royalty Liable Gas Used for Fuel (PURREC/PURDISP)

The department is reviewing volumetric dispositions of gas, reported on the Petroleum Registry of Alberta (PRA), from batteries, gathering systems or gas plants to batteries, gathering systems or gas plants that is sold or deemed sold for fuel. This review is for production year 2007 onward and is to be completed in 2012. The objective of the review is to ensure that all gas sold and used for fuel is accurately reported on the PRA to facilitate Crown royalty calculation. Where reporting errors are found royalty clients will be notified to submit amendments.

Effective June 4, 2009, when there is a sale of gas or transfer of ownership within the royalty network, the selling facility is required to report PURDISP, which would then auto populate the PURREC for the purchaser (receiving facility). This enhances the controls to prevent fuel sale gas volumes from being incorrectly reported in PRA. This new reporting method also applies to all prior period amendments completed after June 4, 2009. A purchase disposition (PURDISP) is a volume of product that has been sold by a facility to another facility within the royalty network. A PURDISP of gas is subject to Crown royalty charges.

For example: effective June 4, 2009, if a gas plant (GP) sells gas for fuel to a battery (BT) each month, the reporting is as follows:

1. The GP Operator must report a PURDISP.
2. This will auto populate a PURREC at the BT.
3. The GP operator must then file a SAF/OAF for the PURDISP volumes.

All parties should take steps to ensure that in network sales or transfers of gas are correctly reported in the PRA.

If you have any questions, please contact Salim Sumar at 780-422-9255.

F. POINTS OF CONTACT

Petroleum Registry of Alberta

The Petroleum Registry of Alberta Service Desk is the focal point for communications with the Registry regarding preparations for, access to, or utilization of the Registry.
To contact the Petroleum Registry of Alberta Service Desk:
Phone: 403-297-6111 or 1-800-992-1144
Fax: 403-297-3665
Email: petroleumregistry.energy@gov.ab.ca

Alberta Energy Internet

Prices, Royalty Rates and Transportation Information are available on the Alberta Energy Internet address: www.energy.alberta.ca, from "Our Business", navigate to "Natural Gas", "About Natural Gas", "Prices", "Alberta Natural Gas Reference Price (ARP)".

In addition, both the Gas Royalty Information Bulletins and Information Letters are also available under "Our Business", navigate to "Natural Gas", "Legislation, Guidelines & Policies".

Volumetric & Cost Reporting

Volumetric & Cost Reporting is structured as a Business Associate client portfolio system, which assigns a given Business Associate to one of three teams. Listed below is the portfolio breakdown along with the Volumetric & Cost Reporting Team Leads and phone numbers. The portfolios are divided by company name and not by BA ID.

Example: If your company name is the "Gas Company" you would call the C – G team at 780-644-1202.

Business Associate	Phone Number and E-mail Address	Team Lead
Numbered companies, A, B, H-P	780-644-1201 VCR1@gov.ab.ca	Mary Spearing
C – G	780-644-1202 VCR2@gov.ab.ca	Lily Hiew
Q – Z	780-644-1203 VCR3@gov.ab.ca	Jyoti Bhambhani

Gas Royalty Reception: 780-422-8727
Fax: 780-427-3334 or 780-422-8732
Alberta Toll Free: 780-310-0000

Hours of operation are 8:15 a.m. to 4:30 p.m. Voice messages left after 4:30 p.m. will be answered the next business day.

In situations where a company has just amalgamated or purchased another company, the general rule is to call the team that is responsible for the "Supra" business associate, or Royalty payer. Below are some guidelines for clients who are unsure which Client Services Team to call regarding their questions.

In situations where a company has just amalgamated or purchased another company, the general rule is to call the team that is responsible for the "Supra" business associate, or Royalty payer.

Below are some guidelines for clients who are unsure which Client Services Team to call regarding their questions.

1. **Amalgamation/consolidation** - Call the team responsible for the "Supra" business associate (Royalty Payer).
   i.e. ABC Oil and Gas amalgamates with Zed Exploration and Zed is the amalgamator (royalty payer). When calling Client Services regarding business for ABC Oil and Gas, you would call Team 3 (Q-Z) (780-644-1203) because Zed Exploration is now the Supra business associate and royalty payer. This rule would apply even if you were calling regarding business that is prior to the acquisition or amalgamation.

2. **Asset Purchase** - Call the team responsible for your company.
   i.e. 123 Gas purchases the assets of TSP Exploration, but not the company. When calling Client Services regarding business for 123 Gas, you would call Team 1 (# Co., A, B, & H-P) (780-644-1201) because you have only purchased assets.

3. **Consultants/service providers** - If you have a contract to provide production accounting services to a company, call the team responsible for your client's company.
   i.e. Paul Snow Consulting Services enters into a contract with Duckback Oil and Gas and Olive Oil and Gas. Paul Snow would contact Team 2 (C-G) (780-644-1202) to discuss Duckback Oil business and Team 1 (# Co., A, B, & H-P) (780-644-1201) to discuss Olive Oil and Gas business. At the time the contract is signed, Paul Snow would have had each company notify the appropriate team that he was authorized for their company.

Reference Prices and Valuation Allowances Calculation Information

Gas Royalty Valuation and Markets
300, 801 – 6 Avenue SW
Calgary, Alberta T2P 3W2
Telephone: 403-297-5514
Fax: 403-297-5400

R. Stokl

Richard Stokl
Director, Gas Royalty Operations
Royalty Operations

Attachments

2011 GAS AND ISC PRICES

MONTH	Gas Reference Price ($/GJ)	Methane ISC Reference Price ($/GJ)	Methane ISC Par Price ($/GJ)	Ethane ISC Reference Price ($/GJ)	Propane ISC Reference Price ($/GJ)	Butane ISC Reference Price ($/GJ)	Pentanes plus ISC Reference Price ($/GJ)
JAN	3.49	3.49	3.49	3.50	3.73	3.69	3.72
FEB	3.40	3.40	3.40	3.40	3.40	3.40	3.40
MAR	3.19	3.19	3.19	3.19	3.19	3.19	3.19
APR	3.30	3.30	3.30	3.30	3.30	3.30	3.30
MAY	3.39	3.39	3.39	3.39	3.39	3.39	3.39
JUN	3.51	3.51	3.51	3.51	3.51	3.51	3.51
JUL	3.42	3.42	3.42	3.42	3.42	3.42	3.42
AUG	3.32	3.32	3.32	3.32	3.32	3.32	3.32
SEPT	3.24	3.24	3.24	3.24	3.24	3.24	3.24
OCT	3.17	3.17	3.17	3.17	3.17	3.17	3.17
NOV							
DEC							

DETAIL OF THE OCTOBER 2011 GAS AND ISC REFERENCE PRICES						
	Gas	Methane	C2-IC	C3-IC	C4-IC	C5-IC
NOVA Inventory Transfer (NIT) Purchase Price-Alberta Market Price (AMP) from NGX	3.355	3.355	3.355	3.355	3.355	3.355
Deductions: Intra – Alberta Transportation	0.152	0.152	0.152	0.152	0.152	0.152
Price Before Pipeline Factor	3.203	3.203	3.203	3.203	3.203	3.203
Pipeline Fuel/Loss Factor	0.990	0.990	0.990	0.990	0.990	0.990
Price before Special Adjustment	3.172	3.172	3.172	3.172	3.172	3.172
Special Adjustment	0.000	0.000	0.000	0.000	0.000	0.000
Calculated RP (Price Before Amendment Limitation or Rounding)	3.172	3.172	3.172	3.172	3.172	3.172
Amendments: Brought forward (from previous RP month)	0.000	0.000	0.000	0.000	0.000	0.000
Prior Period Amendment Adjustment (current RP month)	0.000	0.000	0.000	0.000	0.000	0.000
Calculated RP after Amendments	3.172	3.172	3.172	3.172	3.172	3.172
Reference Price	**3.17**	**3.17**	**3.17**	**3.17**	**3.17**	**3.17**
Difference carried forward to next RP month (rounding difference not carried forward)	0.000	0.000	0.000	0.000	0.000	0.000
Adjusted Intra-Alberta Transportation Deduction		0.151	0.151	0.151	0.151	0.151

2011
NATURAL GAS LIQUIDS PRICES

MONTH	Ethane Reference Price ($/GJ)	Ethane Par Price ($/GJ)	Propane Reference Price ($/m3)	Propane Floor Price ($/m3)	Butane Reference Price ($/m3)	Butane Floor Price ($/m3)	Pentanes plus Reference Price ($/m3)	Pentanes plus Par Price ($/m3)	Sulphur Default Price ($ per tonne)
JAN	3.50	3.50	328.53	258.55	476.27	333.43	572.45	556.08	71.15
FEB	3.40	3.40	290.08	255.74	480.89	349.40	580.22	565.91	84.27
MAR	3.19	3.19	320.31	261.41	540.67	348.30	672.36	678.03	84.41
APR	3.30	3.30	325.22	260.22	517.42	360.82	741.56	730.13	91.83
MAY	3.39	3.39	343.92	280.67	494.36	356.71	646.15	615.44	109.07
JUN	3.51	3.51	345.59	282.47	500.69	339.52	647.08	631.87	135.10
JUL	3.42	3.42	333.32	279.22	587.17	346.50	734.90	657.88	112.99
AUG	3.32	3.32	354.47	289.24	527.92	347.11	729.89	610.41	101.27
SEPT	3.24	3.24	359.30	291.17	556.45	373.95	622.20	599.71	117.71
OCT	3.17	3.17	352.28	284.58	587.83	339.47	664.53	653.81	124.19
NOV									
DEC									

ANNUAL SULPHUR DEFAULT PRICE

2006	2007	2008	2009	2010
$18.89	$32.53	$297.38	$5.83	$42.19

2011

NGL TRANSPORTATION ALLOWANCE AND DEDUCTIONS

MONTH	PENTANES PLUS (a)				PROPANE AND BUTANE (b)				PENTANES PLUS, PROPANE & BUTANE (c)				FRAC. ALLOW. (per m3)
	REGION				REGION				REGION				
	1	2	3	4	1	2	3	4	1	2	3	4	
JAN	7.57	22.12	22.71	22.15	33.18	15.55	25.64	29.62	35.43	58.58	60.03	34.21	18.25
FEB	9.82	20.74	4.74	23.14	1.62	-6.61	-351.59	71.43	52.73	35.31	58.66	37.18	18.25
MAR	-30.72	12.38	-5.95	19.89	53.49	38.31	2.55	46.74	65.62	60.23	59.49	58.68	18.25
APR	-4.33	38.66	2.95	22.03	23.57	16.66	20.58	20.59	25.86	29.34	43.76	17.81	18.25
MAY	13.95	53.40	30.03	39.48	23.92	9.71	17.84	18.69	31.40	34.71	47.84	23.03	18.25
JUN	1.96	24.86	35.74	29.39	38.59	19.43	30.32	30.32	32.48	36.64	45.68	23.88	18.25
JUL	-68.31	209.04	47.39	162.77	-15.56	-83.14	-269.80	-1.28	-176.85	187.77	50.70	-89.58	18.25
AUG	118.91	155.74	43.89	81.71	151.05	42.45	143.71	63.74	79.90	88.81	99.96	58.10	18.25
SEPT	10.93	38.22	1.24	30.83	71.46	37.17	7.10	59.06	62.96	65.45	59.60	40.87	18.25
OCT	28.93	15.47	-6.75	-19.15	66.48	52.67	44.23	66.09	70.53	68.97	77.94	56.44	18.25
NOV													
DEC													

(a) Pentanes Plus obtained as a specification gas product,
(b) Propane and Butane obtained as specification products, and
(c) Pentanes Plus, Propane and Butane contained in a natural gas liquids mix.

Note: For details on "Prior Period Amendment Effects", see Attachment 2A.

PRIOR PERIOD AMENDMENT EFFECTS

NGL REFERENCE PRICES	OCTOBER 2011		
	Propane	*Butanes*	*Pentanes*
Price before amendments	352.279700	482.138583	666.372020
Opening Rollover (from prior business mth)	0.004242	0.001306	-0.003305
Prior Period Amendment Adj. (NGL-100)	0.000000	105.692289	-1.842604
Published Reference Price	**352.28**	**587.83**	**664.53**

TRANSPORTATION ALLOWANCES	OCTOBER 2011											
	Pentanes Plus				Propane and Butane				Pentanes Plus, Propane & Butane			
AMENDMENTS	Region 1	Region 2	Region 3	Region 4	Region 1	Region 2	Region 3	Region 4	Region 1	Region 2	Region 3	Region 4
Opening Rollover (from prior business mth)	-0.004009	0.001228	-0.001244	0.002476	-0.004100	-0.001046	0.003019	-0.001329	-0.003234	0.001237	-0.001781	-0.002613
Prior Period Amendment Adj. (NGL-100)	25.281792	-17.244354	-1.849407	-36.480877	39.920949	58.792036	31.776543	53.640600	42.472506	38.259979	43.528824	42.215281
Total Amendment Effect	25.277783	-17.243126	-1.850651	-36.478401	39.916849	58.790990	31.779562	53.639271	42.469272	38.261216	43.527043	42.212668
Calculated Transp. Differential	3.648580	32.713155	-4.901717	17.327117	26.561417	-6.125956	12.451815	12.451815	28.062933	30.711269	34.414359	14.223131
Calculated Transp. Differential after Total Amendments	28.926363	15.470029	-6.752368	-19.151284	66.478266	52.665034	44.231377	66.091086	70.532205	68.972485	77.941402	56.435799
Published Transportation Allowance	**28.93**	**15.47**	**-6.75**	**-19.15**	**66.48**	**52.67**	**44.23**	**66.09**	**70.53**	**68.97**	**77.94**	**56.44**

Effective January 2011 production period, the royalty rates for methane and ethane are calculated based on a modified royalty formula. The Alberta Royalty Framework Natural Gas Formulas effective the production years 2011, 2010 and 2009 and for Transition, are available on the Alberta Energy
Internet address: http://www.energy.alberta.ca

From the home page, select the Alberta Royalty Framework tab to navigate to select the appropriate formula.

DEEP MARGINAL GAS WELLS, ROYALTY ADJUSTMENT PROGRAM

2007 Royalty Adjustment Program for Deep Marginal Gas Wells

100150905618W504
100142006910W602
100141804410W500
100082607912W604
100060504409W504
102071106223W502
100013105216W500
100160906605W602
102080506605W600
100110503805W502
100102203804W500
100112206507W602
100131504417W500
100113104414W502
100052303206W500
100160404209W500
100133103705W500
100043105216W500
100061706123W503
100052303206W500
100022605217W500
100022205126W500
100111505702W600
100082906204W602
100093006804W602

2007 Deep Gas Royalty Holiday Program

100-04-01-058-25W500

FACILITIES THAT REQUIRE THE FIFTH (5TH) YEAR

BT 1980001 BT 0094186 IF 0009820

FACILITY COST CENTRES (FCCs)

10000305	10040412	10060623	10070083	10076215	01002
10001788	10040700	10061848	10070420	10076243	01131A
10001789	10040722	10062037	10070808	10076244	01131B
10001790	10040723	10062780	10070917	10076975	01383
10002091	10041025	10062894	10071094	10076977	01386
10002904	10041222	10062895	10071189	10077652	01584A
10002949	10041760	10063075	10071746	10078389	01585C
10002950	10042118	10063112	10071870	10078803	01662A
10002951	10042546	10064252	10072447	10079120	01687A
10002952	10042661	10064268	10072457	10079152	02378J
10002953	10042896	10064304	10072576	10079341	02389H
10003153	10042986	10064587	10072754	10079454	02863B
10003476	10042999	10064588	10072867	10079891	02897B
10003477	10043275	10066135	10072907	10080338	42606A
10003787	10043670	10066141	10072948	10080339	41190
10005784	10044051	10066188	10072949	10080340	42647
10024778	10044647	10066314	10072959	10080341	
10026267	10045681	10066316	10073440	10080342	
10026668	10047471	10066317	10073442	10080344	
10027383	10047544	10066364	10073446	10080345	
10028849	10047681	10066367	10073455	10080346	
10028935	10047745	10066374	10073553	10080347	
10029249	10047888	10066375	10073587	10080349	
10029251	10047980	10066376	10073613	10080350	
10029253	10048631	10066378	10074127	10080353	
10029255	10049964	10066390	10074234	10080354	
10031156	10051491	10066391	10074431	10080355	
10031641	10052033	10066409	10074432	10080356	
10032307	10053469	10066416	10074448	10080357	
10033466	10054321	10066476	10074451	10080358	
10033540	10054836	10066519	10074497	10080359	
10034209	10055190	10066520	10074512	10080367	
10034886	10055428	10066522	10074514	10080375	
10035011	10055948	10066524	10074516	10080614	
10035462	10056130	10066603	10074777	10081153	
10035482	10056131	10066604	10076166	10081154	
10035483	10056132	10066605	10076168	10081168	
10035594	10057412	10066606	10076169	10081248	
10035662	10059678	10066608	10076171	10081472	
10035951	10059680	10066940	10076174	10081473	
10035953	10059747	10066992	10076177	10081764	
10035954	10059751	10067340	10076179	10081765	
10039058	10059809	10068151	10076180	10081944	
10039059	10059834	10068158	10076181	10086579	
10039061	10059850	10069196	10076183		
10039308	10059853	10069324	10076184		
10039389	10059854	10069326	10076210		
10040171	10059856	10069826	10076213		
10040400	10060499	10070081	10076214		

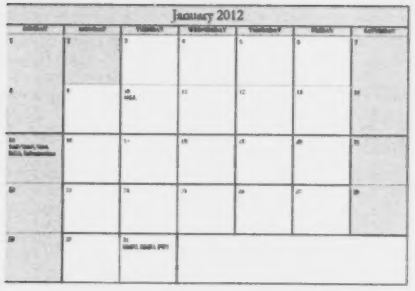
Government of Alberta ■

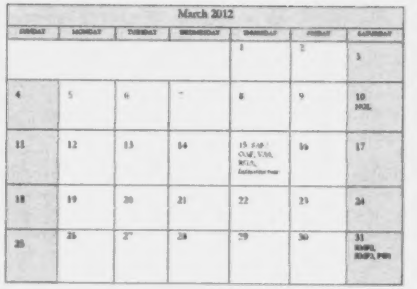
Energy

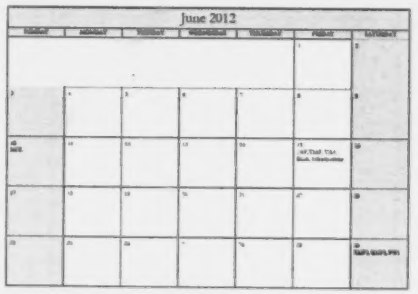
2012

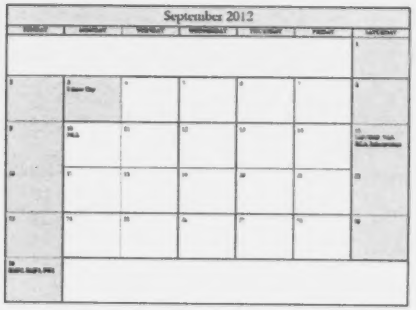
Note 1: If the due date falls on a non-business day, forms will be accepted on the next business day.

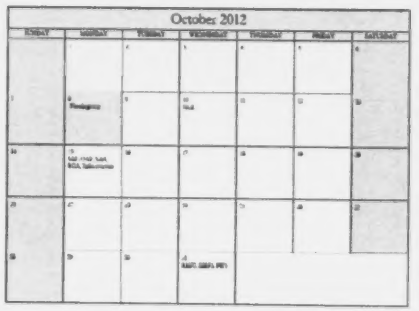
Note 2: 2008 production year becomes statute barred on December 31, 2012.

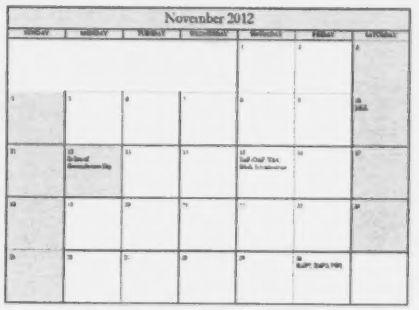












January 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10 NGL	11	12	13	14
15 SAF/OAF, VA4, RGA, Infrastructure	16	17	18	19	20	21
22	23	24	25	26	27	29
29	30	31 RMF2, RMF3, PW1	**NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day.** **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**			

February 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10 NGL	11
12	13	14	15 SAF/OAF, VA4, RGA, Infrastructure	16	17	18
19	20 Family Day	21	22	23	24	25
26	27	28	29 RMF2, RMF3, PW1	**NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day.** **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**		

March 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day. **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**				1	2	3
4	5	6	7	8	9	10 NGL
11	12	13	14	15 SAF/OAF, VA4, RGA, Infrastructure	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31 RMF2, RMF3, PW1

April 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6 Good Friday	7
8	9 Easter Monday	10 NGL	11	12	13	14
15 SAF/OAF, VA2, VA3, VA4, RGA, Infrastructure	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30 AC2, RMF2, RMF3, PW1	**NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day.** **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**				

May 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10 NGL	11	12
13	14	15 SAF/OAF, AC3, AC5, VA4, RGA, Infrastructure	16	17	18	19
20	21 Victoria Day	22	23	24	25	26
27	28	29	30	31 RMF2, RMF3, PW1	**NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day.** **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**	

June 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day. **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**					1	2
3	4	5	6	7	8	9
10 NGL	11	12	13	14	15 SAF/OAF, VA4, RGA, Infrastructure	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30 RMF2, RMF3, PW1

July 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 Canada Day	3	4	5	6	7
8	9	10 NGL	11	12	13	14
15 SAF/OAF, VA4, RGA, Infrastructure	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	**NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day.** **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**			

August 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day. **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**			1	2	3	4
5	6 Civic Holiday	7	8	9	10 NGL	11
12	13	14	15 SAF/OAF, VA4, RGA, Infrastructure	16	17	18
19	20	21	22	23	24	25
26	27	28	29	**30**	**31** RMF2, RMF3, PW1	

September 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day. **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**						1
2	3 Labour Day	4	5	6	7	8
9	10 NGL	11	12	13	14	15 SAF/OAF, VA4, RGA, Infrastructure
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30 RMF2, RMF3, PW1						

October 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8 Thanksgiving	9	10 NGL	11	12	13
14	15 SAF/OAF, VA4, RGA, Infrastructure	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31 RMF2, RMF3, PW1	**NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day.** **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**		

November 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day. **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**				1	2	3
4	5	6	7	8	9	10 NGL
11	12 In lieu of Remembrance Day	13	14	15 SAF/OAF, VA4, RGA, Infrastructure	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30 RMF2, RMF3, PW1	

December 2012

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOTE 1: If the due date falls on a non-business day, forms will be accepted on the next business day. **NOTE 2: 2008 production year becomes Statute Barred Dec. 31, 2012.**						1
2	3	4	5	6	7	8
9	10 NGL	11	12	13	14	15 SAF/OAF, VA4, RGA, Infrastructure
16	17	18	19	20	21	22
23	24	25 Christmas	26 Boxing Day	27	28	29
30	31 RMF2, RMF3, PW1					